

CLAIMS

What is claimed is:

1 1. A presentation architecture for creating applications, the
2 presentation architecture comprising:
3 a controller generator that is adapted to provide an application with a
4 controller that receives a request to perform a transaction and
5 completes the transaction in part, by responding to the request; and
6 transaction tracking logic that is adapted to provide the application with a
7 plurality of transaction managers, each transaction manager being
8 adapted to record tracking information about transactions of a
9 specific type.

1 2. The system set forth in claim 1, wherein the plurality of transaction
2 managers comprises a business activity manager.

1 3. The system set forth in claim 1, wherein the plurality of transaction
2 managers comprises a performance activity manager.

1 4. The system set forth in claim 1, wherein the plurality of transaction
2 managers comprises an error activity manager.

1 5. The system set forth in claim 1, wherein the transaction tracking
2 logic is adapted to provide the application with the ability to track debug activity.

1 6. The system set forth in claim 1, wherein the transaction tracking
2 logic is adapted to provide the application with the ability to interface with a
3 logging program to log data collected by the business activity manager, the
4 performance activity manager and the error activity manager.

1 7. The system set forth in claim 1, wherein the transaction tracking
2 logic is adapted to provide the application with the ability to output data to at least
3 one of a file system, a database, publishing a messaging queue and a Simple Network
4 Management Protocol (“SNMP”)-based monitoring program.

1 8. The system set forth in claim 1, wherein the tracking information
2 comprises timing measurements with respect to the transaction.

1 9. A method of creating applications, the method comprising:
2 creating, with a processor-based device, a controller that receives a request
3 to perform a transaction and completes the transaction by
4 responding to the request; and
5 providing a plurality of transaction managers, each transaction manager
6 being adapted to record tracking information about transactions of a
7 specific type.

1 10. The method set forth in claim 9, comprising defining one of the
2 plurality of transaction managers to be a business activity manager.

1 11. The method set forth in claim 9, comprising defining one of the
2 plurality of transaction managers to be a performance activity manager.

1 12. The method set forth in claim 9, comprising defining one of the
2 plurality of transaction managers to be an error activity manager.

1 13. The method set forth in claim 9, comprising providing the
2 application with the ability to track debug activity.

1 14. The method set forth in claim 9, comprising providing the
2 application with the ability to interface with a logging program to facilitate the
3 logging of data collected by the business activity manager, the performance
4 activity manager and the error activity manager.

1 15. The method set forth in claim 9, comprising providing the
2 application with the ability to output data to at least one of a file system, a database,
3 publishing a messaging queue and a Simple Network Management Protocol
4 (“SNMP”)-based monitoring program.

1 16. The method set forth in claim 9, comprising defining the tracking
2 information to comprise timing measurements with respect to the transaction.

1 17. A system for creating applications, the system comprising:
2 means for providing an application with a controller that receives a request
3 to perform a transaction and completes the transaction by
4 responding to the request; and
5 means for providing the application with a plurality of transaction
6 managers, each transaction manager being adapted to record
7 tracking information about transactions of a specific type.

1 18. The system set forth in claim 17, wherein the plurality of
2 transaction managers comprises a business activity manager.

1 19. The system set forth in claim 17, wherein the plurality of
2 transaction managers comprises a performance activity manager.

1 20. The system set forth in claim 17, wherein the plurality of
2 transaction managers comprises an error activity manager.

1 21. The system set forth in claim 17, wherein the means for providing
2 the application with a plurality of transaction managers is adapted to provide the
3 application with the ability to track debug activity.

1 22. The system set forth in claim 17, wherein the means for providing
2 the application with a plurality of transaction managers is adapted to provide the
3 application with the ability to interface with a logging program to log data
4 collected by the business activity manager, the performance activity manager and
5 the error activity manager.

1 23. The system set forth in claim 17, wherein the transaction tracking
2 logic is adapted to provide the application with the ability to output data to at least
3 one of a file system, a database, publishing a messaging queue and a Simple Network
4 Management Protocol (“SNMP”)-based monitoring program.

1 24. The system set forth in claim 15, wherein the tracking information
2 comprises timing measurements with respect to the transaction.

1 25. A program, comprising:
2 a machine readable medium;
3 a controller generator stored on the machine readable medium, the
4 controller generator being adapted to provide an application with a
5 controller that receives a request to perform a transaction and
6 completes the transaction by responding to the request; and
7 transaction tracking logic stored on the machine readable medium, the
8 transaction tracking logic being adapted to provide the application
9 with a plurality of transaction managers, each transaction manager
10 being adapted to record tracking information about transactions of a
11 specific type.

1 26. The program set forth in claim 25, wherein the plurality of
2 transaction managers comprises a business activity manager.

1 27. The program set forth in claim 25, wherein the plurality of
2 transaction managers comprises a performance activity manager.

1 28. The program set forth in claim 25, wherein the plurality of
2 transaction managers comprises an error activity manager.

1 29. The program set forth in claim 25, wherein the transaction tracking
2 logic is adapted to provide the application with the ability to track debug activity.